

3. Motor vehicle audio system comprising an audio signal receiver, at least one amplifier connected thereto by way of an optical waveguide, and a loudspeaker,

wherein a separate amplifier is provided for low audio frequencies, which separate amplifier is supplied with a significantly higher operating voltage than the at least one amplifier for other audio frequencies.

4. Motor vehicle audio system according to Claim 1,
wherein the operating voltage of the separate amplifier is at least equal to 42 volt in comparison to 12 volt for the at least one amplifier of the other audio frequencies.

5. A motor vehicle audio system comprising:
an audio signal receiver,
a first amplifier connected by an optical wave guide with the receiver,
a second amplifier connected by another optical wave guide with the receiver,
at least one low frequency speaker connected to an output of said first amplifier, and
at least one higher frequency speaker connected to an output of said second amplifier,

wherein said first and second amplifiers are supplied with respective substantially different operating voltage.

6. A motor vehicle audio system according to claim 3, wherein said first amplifier is supplied with a substantially higher voltage than is supplied to the second amplifier.

7. A motor vehicle audio system according to claim 4, wherein said first amplifier is supplied with more than twice the voltage supplied to the second amplifier.

IN THE ABSTRACT:

Please add the Abstract of the Disclosure as attached on a separate sheet herewith.